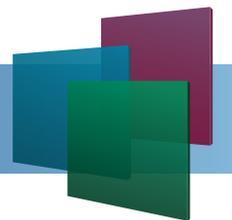


# Starboard HDPE Material Safety Data Sheet



## Section I – Hazardous Ingredients/Identity Information

Hazardous Components ( <i>Specific chemical identity; common name(s)</i> )	OSHA PEL	ACGIH TLV	Other Limits	
			Recommended	% (optional)
None				

## Section II – Physical/Chemical Characteristics

Boiling Point	Non-volatile	Specific Gravity (H <sub>2</sub> O = 1)	.941-.965
Vapor Pressure (mm Hg.)	Non-volatile	Melting Point 126 to 135°C	Non-volatile
Vapor Density (AIR = 1)	Non-volatile	Evaporation Rate (Butyl Acetate = 1)	Non-volatile
Solubility in Water Insoluble.			
Appearance and Odor Solid plastic material, odorless.			

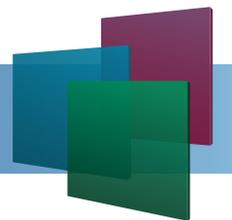
## Section III – Fire and Explosion Hazard Data

Flash Point ( <i>Method Used</i> ) ASTM D-1929, 645°F	Flammable Limits Non-volatile	LEL	UEL
Extinguishing Media Carbon dioxide, water spray, foam or dry chemical.			
Special Fire Fighting Procedures N/A			
Unusual Fire and Explosion Hazards Refer to National Fire Protection Association Bulletin 654, "Dust Explosion Prevention, Plastic Industry 1975", for safe handling procedures.			

(Reproduce locally)

OSHA 174. Sept. 1985

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## Section IV – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility ( <i>Materials to Avoid</i> ) Attacked by oxidizing agents such as nitric or perchloric acid and free halogens. Also softened by hydrocarbons such as benzene, gasoline, lubricating oils, petroleum ether and by chlorinated hydrocarbons.			
Hazardous Decomposition or Byproducts Burning yields CO and CO <sup>2</sup>			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

## Section V – Health Hazard Data

Route(s) of Entry:	Inhalation? N/A	Skin? N/A	Ingestion? N/A
Health Hazards ( <i>Acute and Chronic</i> ) No acute or chronic hazard.			
Carcinogenicity:	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure N/A			
Medical Conditions Generally Aggravated by Exposure N/A			
Emergency and First Aid Procedures No acute hazard.			

## Section VI – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled Sweep up and collect as essentially harmless organic wastes.
Waste Disposal Method Dispose of in accordance with local, state and federal regulations. Recycle to process
Precautions to be Taken in Handling and Storing No specific requirements.
Other Precautions Self-contained breathing apparatus for firefighting personnel is recommended.

## Section VII – Control Measures

Respiratory Protection ( <i>Specific Type</i> ) Not generally required.				
Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical ( <i>General</i> )	N/A	Other	Normal working environment.
Protective Gloves Not generally required.	Eye Protection Safety glasses recommended.			
Other Protective Clothing or Equipment Not generally required.				
Work/Hygienic Practices Handle in accordance with good industrial hygiene and safety practices.				

USGPO 1986-491-529/45775